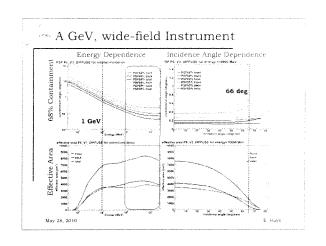
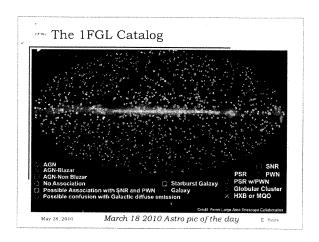
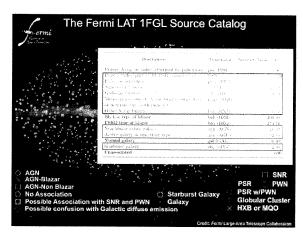


Galactic Results from LAT + 1FGL Galactic populations + New GeV source classes in the Galaxy + Recent Highlights + Pulsars and Pulsar Wind Nebulae + Which pulsars produce GeV nebulae and what are we learning from them? + Supernova Remnants + Solid detections, structure, and spectral features







Unidentified Gamma-ray Sources

- + Previous MeV-GeV energy gamma-ray missions left a legacy of "unidentified" sources (-2/3 of 3EG catalog)
 - + Unidentified meant multiple possible candidates OR no plausible candidates (unassociated)
- + LAT first catalog <50% unassociated
- + LAT associations greatly aided by

 - + Dramatically improved gamma-ray localization + Dedicated catalogs of potential gamma-ray counterparts
 - + Multiwavelength searches
- + LAT identifications from
 - + Periodicity
 - + Spatial morphology
- + Correlated variability with other observations

May 28, 2010

